

INTERNATIONAL SEARCH REPORT

International Application No
PC 2005/012837

A. CLASSIFICATION OF SUBJECT MATTER
C07D419/14 A61K31/4439 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, PAJ, BEILSTEIN Data, WPI Data, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; FALYAKHOV, I. F. ET AL: "Investigation of thermal stability of high-melting thermostable explosives" XP002354793 retrieved from STN Database accession no. 1998:357778 RN 208659-95-4 abstract & PROCEEDINGS OF THE INTERNATIONAL PYROTECHNICS SEMINAR, 21ST, 187-201 CODEN: PPYSD7; ISSN: 0270-1898, 1995,</p> <p style="text-align: center;">----- -/-</p>	<p>1-5, 10, 16, 22-24, 33</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

29 November 2005

Date of mailing of the international search report

22/12/2005

Name and mailing address of the ISA

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	<p>& JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS , 209, 80-83 CODEN: JMMDC; ISSN: 0304-8853, 2000,</p> <p>-----</p> <p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; LEUNG, MAN-KIT ET AL: "Self-Complementarity of Oligo-2-aminopyridines: A New Class of Hydrogen-Bonded Ladders" XP002354798 retrieved from STN Database accession no. 2002:237720 RN 427900-22-9, -19-4, -21-8, -25-2, -24-1, -23-0 abstract</p> <p>& JOURNAL OF THE AMERICAN CHEMICAL SOCIETY , 124(16), 4287-4297 CODEN: JACSAT; ISSN: 0002-7863, 2002,</p>	<p>1-5, 10-12, 16,19, 22-24,33</p>
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X	<p>EP 0 596 126 A (WAKUNAGA SEIYAKU KABUSHIKI KAISHA; FUJISAWA PHARMACEUTICAL CO., LTD) 11 May 1994 (1994-05-11) page 18; example 8 page 100; example 236</p>	1-4, 6-11,32
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; ABUSHAMLEH, AHMAD S. ET AL: "Metal complexes of 1,10-phenanthroline derivatives. XIV. Complexes of 1,10-phenanthroline-2-yl(pyridin-2-yl)amine " XP002354800 retrieved from STN Database accession no. 1984:184742 RN 89702-49-8 abstract & AUSTRALIAN JOURNAL OF CHEMISTRY , 37(2), 281-91 CODEN: AJCHAS; ISSN: 0004-9425, 1984,</p>	1-11,16, 25,26,33
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BELL, THOMAS W. ET AL: "Binding biomolecules with designed, hydrogen-bonding receptors" XP002354801 retrieved from STN Database accession no. 1999:349181 RN 238755-32-3 abstract & PURE AND APPLIED CHEMISTRY , 70(12), 2371-2377 CODEN: PACHAS; ISSN: 0033-4545, 1998,</p>	1-9,33

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X	<p>DE 30 37 494 A1 (DAINIPPON INK AND CHEMICALS, INC.; DAINIPPON INK AND CHEMICALS, INC., TO) 9 April 1981 (1981-04-09) page 15; example 9</p>	1,4,5, 10,11, 16,19, 20,22-24
X	<p>DE 23 21 511 B1 (DAINIPPON INK AND CHEMICALS, INC., TOKIO) 25 July 1974 (1974-07-25) example 7</p>	1,4,5, 10,11, 16,19, 20,22-24
X	<p>GB 833 548 A (J. R. GEIGY A.-G) 27 April 1960 (1960-04-27) page 4; example 15</p>	1,4,5, 10,11, 16,19, 20,22-24
X	<p>PATENT ABSTRACTS OF JAPAN vol. 006, no. 261 (C-141), 21 December 1982 (1982-12-21) -& JP 57 155242 A (DAINIPPON INK KAGAKU KOGYO KK), 25 September 1982 (1982-09-25) abstract; example 8</p>	1,4,5, 10,11, 16,19, 20,22-24
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X	<p>PATENT ABSTRACTS OF JAPAN vol. 003, no. 142 (C-065), 24 November 1979 (1979-11-24) & JP 54 119531 A (NIPPON SODA CO LTD), 17 September 1979 (1979-09-17) abstract; examples 21,22</p>	1,4,5, 10,11, 16,19, 20,22-24
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X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 02, 5 February 2003 (2003-02-05) & JP 2002 296744 A (FUJI PHOTO FILM CO LTD), 9 October 2002 (2002-10-09) abstract; examples 6,8-10	1,4,5, 10,16, 19,22-24
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 06, 3 June 2003 (2003-06-03) & JP 2003 050447 A (FUJI PHOTO FILM CO LTD), 21 February 2003 (2003-02-21) abstract; examples V6-V10	1,4,5, 10,16, 19,22-24
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03, 27 February 1998 (1998-02-27) & JP 09 286167 A (MITSUBISHI CHEM CORP), 4 November 1997 (1997-11-04) abstract; examples 7,8,12,18,19,23	1,4,5, 10,16, 19,22-24
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KREHER, T. ET AL: "Dynamic NMR studies of phosphorylated diamine-coupled bis-1,3,5-triazines" XP002354809 retrieved from STN Database accession no. 2000:269285 RN 273212-25-2 abstract & PHOSPHORUS, SULFUR AND SILICON AND THE RELATED ELEMENTS , 141, 135-146 CODEN: PSSLEC; ISSN: 1042-6507, 1998,	1,4,5, 10,16, 22-24
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; PATRICIU, O.-I. ET AL: "Unambiguous synthetic approach to dihydrodipyridopyrazines" XP002354813 retrieved from STN Database accession no. 2004:1043770 RN 863550-19-0 , -12-3 abstract & COFRROCA 2004, ACTES DU COLLOQUE FRANCO-ROUMAIN DE CHIMIE APPLIQUEE, 3RD, BACAU, ROMANIA, SEPT. 22-26, 2004 , 107-108. EDITOR(S): GAVRILA, LUCIAN; FINARU, ADRIANA; GRANDCLAUDON, PIERRE. PUBLISHER: UNIVERSITY OF BACAU, BACAU, ROM. CODEN: 69GFCG; ISBN, 2004,</p>	<p>1-4,10, 11,16, 22-24,33</p>
P,X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BOLM, CARSTEN ET AL: "Synthesis of chiral 2,2'-dipyridylamines and their use in the copper-catalyzed asymmetric allylic oxidation of cyclohexene" XP002354814 retrieved from STN Database accession no. 2004:465406 RN 726127-15-7 abstract & TETRAHEDRON LETTERS , 45(26), 5019-5021 CODEN: TELEAY; ISSN: 0040-4039, 2004,</p>	<p>1-6,10, 11,16</p>
P,X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; HASANOV, HASAN ET AL: "Synthesis of long-chained oligo-.alpha.-aminopyridines by tandem Pd-catalyzed cross-coupling aminations and their helical dinuclear complexes" XP002354815 retrieved from STN Database accession no. 2004:769032 RN 794512-18-8, -17-7, -16-6, -15-5, 794511-96-9, -95-8, -94-7, -93-6 abstract & TETRAHEDRON LETTERS , 45(41), 7765-7769 CODEN: TELEAY; ISSN: 0040-4039, 2004,</p> <p style="text-align: center;">-/--</p>	<p>1-5,10, 12,16, 22-26,33</p>

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P,X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BOLM, CARSTEN ET AL: "Synthesis of C2-symmetric and unsymmetrically substituted 2,2'-dipyridylamines and crystal structure of a chiral 2,2'-dipyridylamine copper(II) complex" XP002354816 retrieved from STN Database accession no. 2004:946360 RN 819084-10-1 abstract & JOURNAL OF ORGANOMETALLIC CHEMISTRY , 689(23), 3767-3777 CODEN: JORCAI; ISSN: 0022-328X, 2004,</p>	<p>1-4,6, 10,12, 19,25,26</p>
A	<p>EP 1 302 463 A (YAMANOUCHI PHARMACEUTICAL CO. LTD) 16 April 2003 (2003-04-16) claim 1</p>	<p>1-37</p>

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Information on patent family members

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